

Preparation of nuclei for anatase pigments.

Publication number: JP5246717

Publication date: 1993-09-24

Inventor: JIYON ROBU; AIAN JIYOOJI DOBUSON

Applicant: TIOXIDE GROUP SERVICES LTD

Classification:

- **international:** **C01G23/00; C01G23/053; C09C1/36; C01G23/00; C09C1/36;** (IPC1-7): C01G23/00; C01G23/053

- **European:** C01G23/053D2; C09C1/36D

Application number: JP19910205242 19910815

Priority number(s): GB19900018034 19900816

Also published as:



EP0474357 (A1)

US5147629 (A1)

GB2247009 (A)

FI913864 (A)

EP0474357 (B1)

[more >>](#)

[Report a data error here](#)

Abstract not available for JP5246717

Abstract of corresponding document: **EP0474357**

A process for the production of a suspension of nuclei has been developed in which an aqueous mixture of titanium tetrachloride, aluminium ions and hydroxyl ions is cured at a temperature of from 50 DEG to the boiling point. The pH of the suspension before or after curing has a value of from 6.5 to 10.5. The aqueous mixture is prepared by mixing a solution of titanium tetrachloride with a solution of a base, e.g. sodium hydroxide and aluminium hydroxide. When used to nucleate hydrolysis in the "sulphate" process a large crystal size anatase pigment is produced.

.....
Data supplied from the **esp@cenet** database - Worldwide